

December 19, 2007

Mr. Michael W. Rencheck
Senior Vice President and
Chief Nuclear Officer
Indiana Michigan Power Company
Nuclear Generation Group
One Cook Place
Bridgman, MI 49106

SUBJECT: CHANGE TO THE INSPECTION PLAN - D. C. COOK NUCLEAR POWER
PLANT, UNITS 1 AND 2

Dear Mr. Rencheck:

As part of a periodic self-assessment, the Nuclear Regulatory Commission (NRC) thoroughly reviewed its inspection procedures to ensure the continued effective application of inspection resources. The main objective of the review was to determine the appropriate inspection scope for the majority of the inspection procedures in the reactor oversight process (ROP). The result of this effort (designated ROP realignment) created changes to both inspection scope and/or inspection frequency for selected inspection procedures in the ROP. The purpose of this letter is to update the schedule of future inspection activities at your facility that was provided with the mid-cycle assessment letter in August 2007. Please note that there were no changes made to inspection procedures in the security, emergency preparedness, and health physics areas.

The enclosed inspection plan details the inspections (less those related to security) scheduled for calendar year 2008. The inspection plan is provided to resolve any scheduling and/or personnel availability issues well in advance of the inspectors' arrival onsite. Routine resident inspections are not listed due to their continuous nature.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be made available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

M. Rencheck

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Please contact me at 630-829-9619 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Christine A. Lipa, Chief
Projects Branch 4
Division of Reactor Projects

Docket Nos. 50-315; 50-316
License Nos. DPR-58; DPR-74

Enclosure: As Stated

cc w/encl: J. Jensen, Site Vice President
J. Gebbie, Plant Manager
G. White, Michigan Public Service Commission
L. Brandon, Michigan Department of Environmental Quality -
Waste and Hazardous Materials Division
Emergency Management Division
MI Department of State Police
State Liaison Officer, State of Michigan

M. Rencheck

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Letter to M. Rencheck from C. Lipa dated December 19, 2007

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PLANT, UNITS 1 AND 2

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D.C. Cook
Inspection / Activity Plan
01/01/2008 - 12/31/2008

Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
			Start	End	
IP 95002 - IP 95002 FOR YELLOW SIREN PI		3			
IP 95002	Inspection For One Degraded Cornerstone Or Any Three White Inputs In A Strategic Perform		02/04/2008	02/15/2008	Supplemental Program
BI RP - RADIATION PROTECTION BASELINE INSPECTION		1			
IP 7112102	ALARA Planning and Controls		02/04/2008	02/08/2008	Baseline Inspections
BI OL - BIENNIAL REQUAL. PROGRAM INSPECTION		2			
IP 7111111B	Licensed Operator Requalification Program		03/10/2008	03/14/2008	Baseline Inspections
BI ENG - ENGINEERING INSERVICE INSPECTION/TI 172		2			
IP 2515/172	Reactor Coolant System Dissimilar Metal Butt Welds		03/17/2008	04/11/2008	Generic Safety Inspections
IP 7111108P	Inservice Inspection Activities - PWR		03/17/2008	04/11/2008	Baseline Inspections
BI RP - RADIATION PROTECTION BASELINE INSPECTION		1			
IP 7112101	Access Control to Radiologically Significant Areas		03/31/2008	04/04/2008	Baseline Inspections
IP 71151-OR01	Occupational Exposure Control Effectiveness		03/31/2008	04/04/2008	Baseline Inspections
2515/166 - TI 2515/166 PWR SUMP INSPECTION		1			
IP 2515/166	Pressurized Water Reactor Containment Sump Blockage [NRC GENERIC LETTER 2004-02]		05/12/2008	05/16/2008	Safety Issues
BI EP - EP ROUTINE INSPECTION / PI VERIFICATION		1			
IP 7111402	Alert and Notification System Testing		06/02/2008	06/06/2008	EP Baseline Inspections
IP 7111403	Emergency Response Organization Augmentation Testing		06/02/2008	06/06/2008	EP Baseline Inspections
IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		06/02/2008	06/06/2008	EP Baseline Inspections
IP 71151-EP01	Drill/Exercise Performance		06/02/2008	06/06/2008	Baseline Inspections
IP 71151-EP02	ERO Drill Participation		06/02/2008	06/06/2008	Baseline Inspections
IP 71151-EP03	Alert & Notification System		06/02/2008	06/06/2008	Baseline Inspections
BI RP - RADIATION PROTECTION BASELINE INSPECTION		2			
IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		07/28/2008	08/01/2008	Baseline Inspections
IP 71151-BI01	Reactor Coolant System Activity		07/28/2008	08/01/2008	Baseline Inspections
OL EXAM - DC COOK INITIAL LICENSE EXAM VALIDATION		6			
W90183	DC COOK - INITIAL EXAM - JULY/AUG 2008		07/28/2008	08/01/2008	Not Applicable
BI PI&R - BIENNIAL PI&R INSPECTION		3			
IP 71152B	Identification and Resolution of Problems		08/11/2008	08/29/2008	Baseline Inspections
2515/172 - TI 2515/172 RCS WELD INSPECTION		1			
IP 2515/172	Reactor Coolant System Dissimilar Metal Butt Welds		08/18/2008	08/22/2008	Generic Safety Inspections
OL EXAM - DC COOK INITIAL LICENSE EXAMINATION		3			
W90183	DC COOK - INITIAL EXAM - JULY/AUG 2008		08/18/2008	08/29/2008	Not Applicable
BI ENG - ENGINEERING MODIFICATIONS / 50.59 INSP.		3			
IP 7111102	Evaluation of Changes, Tests, or Experiments		10/06/2008	10/24/2008	Baseline Inspections
IP 7111117B	Permanent Plant Modifications		10/06/2008	10/24/2008	Baseline Inspections

D.C. Cook
Inspection / Activity Plan
01/01/2008 - 12/31/2008

Inspection Activity	Title	No. of Staff on Site	Planned Dates Start End		Inspection Type
BI RP - RADIATION PROTECTION BASELINE INSPECTION		1			
IP 7112202	Radioactive Material Processing and Transportation		11/03/2008	11/07/2008	Baseline Inspections
IP 71151-PR01	RETS/ODCM Radiological Effluent		11/03/2008	11/07/2008	Baseline Inspections